IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

ROBINSON et al

Serial No. 10/568,496

Filed: February 16, 2006

Atty. Ref.: 36-1957

TC/A.U.: 2616

Examiner:

For: HIERARCHICAL ROUTING IN AD-HOC NETWORKS

900S e 1 YAM

May 19, 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Attention is directed to the attached PCT International Search Report and UK Search Report for this application and each non-US patent document cited therein together with additional documents known to the applicant. A PTO-1449 is also attached.

Official consideration and citation of each such reference is requested.

Respectfully submitted,

NIXON & VANDERHYE P.C.

Бу:

Reg. No. 25,640

LSN:vc

901 North Glebe Road, 11th Floor

Arlington, VA 22203-1808 Telephone: (703) 816-4000

Facsimile: (703) 816-4100

INFORM	IATION DISCLOSURE		DOCKET NO.	SERIAL NO.			٨,	
	CITATION OTP	E 36-19	957	10/568,496				
		PLIC	CANT					
	10	SUUR BUB	INSON et al					
(Use :	several sheets if net sary)	EVING	DATE	TC/A.U.		·		
·	(EA)	8						
	G TRAD	EMAN Febri	uary 16, 2006	2616				
			J.S. PATENT DOCUMENTS					
*EXAMINER			J.S. PATENT DOCUMENTS			FILING	DATE	
<u>INITIAL</u>	DOCUMENT NUMBER 6038215	DATE 03/2000	NAME Uekumasu	CLASS	SUBCLASS	IF APPRO	<u> DPRIATE</u>	
	6118834	09/2000	Rasanen					
	2001/0055275 A1	12/2001	Herrmann et al.			 		
		1						
					<u> </u>	-		
							_	
		FOF	REIGN PATENT DOCUMENTS					
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	LATION NO	
					l	<u> </u>		
			ncluding Author, Title, Date, Perti					
			ocalized Routing in Wireless Networks EEE INC., NEW YORK, Vol. 12, No.					
			in Mobile Ad Hoc Networks", MOBIC					
			IONAL CONFERENCE ON MOBILE					
			B, ANNUAL ACM/IEEE INTERNATION					
	COMPUTING AND NETWORKING, NEW YORK, ACM, US, 25 October 1998, pages 181-190, XP000850267							
	Stojmenovic, "Position-Based Routing in Ad Hoc Netwokrs", IEEE COMMUNICATIONS MAGAZINE, IEEE SERVICE CENTER, PISCATAWAY, NJ., US, Vol. 40, No. 7, July 2002, pages 128-134, XP001132650							
	Gold et al., "Use of Context-Awareness in Mobile Peer-to-Peer Networks", PROCEEDINGS, IEEE WORKSHOP ON							
	FUTURE TRENDS OF DISTRIBUTED COMPUTING SYSTEMS, XX, XX, 31 October 2001, pages 142-147,							
	XP0010886511 Parking et al. "Highly Dynamic Destination Segregated Distance Vester Routing (DSDV) for Makila Computers!"							
	Perkins et al., "Highly Dynamic Destination-Sequenced Distance-Vector Routing (DSDV) for Mobile Computers", PROCEEDINGS OF THE SIGCOMM '94 CONFERENCE ON COMMUNICATION ARCHITECTURES,							
	PROTOCOLS AND APPLICATIONS, pages 234-244, August 1994							
	Park et al., "A Highly Adaptive Distributed Routing Algorithm for Mobile Wireless Networks", PROCEEDINGS OF							
	INFOCOM '97, pages 1405-1413, April 1997 Johnson, "Routing in Ad Hoc Networks of Mobile Hosts", PROCEEDINGS OF THE IEEE WORKSHOP ON MOBILE							
	COMPUTING SYSTEMS AND APPLICATIONS, pages 158-163, December 1994							
	Perkins, "Ad Hoc On D	Demand Dista	nce Vector (AODV) Routing, Internet-	Draft, draft-ietf-	-manet-aodv	-04.txt, O	ctober	
	Toh, "Maximum Battery Life Routing to Support Ubiquitous Mobile Computing in Wireless Ad Hoc Networks", IEEE COMMUNICATIONS MAGAZINE, June 2001							
	Heinzelman et al., "Ene	ergy Efficient	Routing Protocols for Wireless Micros ENCE ON SYSTEM SCIENCES (HIC			DINGS O	FTHE	
	Cerpa et al., "Habitat M	Ionitoring:Ap	oplication Driver for Wireless Commun	ications Techno	logy, ACM	SIGCOM	M	
——— 	Workshop on Data Communications in Latin America and the Caribbean, Costa Rica, April 2001 Xu et al., "Adaptive Energy-Conserving Routing for Multihop Ad Hoc Networks", TECH. REP. 527, USC/Information							
	Sciences Institute, Octo			,				
	1		1					
*Examiner			Date Considered					
Examine			Date Considered					

INFORMATION DISCLOSURE	ATTY. DOCKET NO.	SERIAL NO.					
CITATION	36-1957	10/568,496					
	APPLICANT						
	ROBINSON et al						
(Use several sheets if necessary)	FILING DATE	TC/A.U.					
	February 16, 2006	2616					
Culler et al., "Network-Cer EMBEDDED SOFTWAR		are for Tiny Devices", DARPA WORKSHOP ON					
Report, May 2000							
COMPRESSION CONFE	Pradhan et al., "Distributed Source Coding Using Syndromes (DISCUS): Design and Construction", PROC. IEEE DATA COMPRESSION CONFERENCE (DCC), 1999						
	Source Coding: Symmetric Rates a RENCE (DCC), March 2000	and Applications to Sensor Networks", PROC. IEEE DATA					
Kusuma et al., "Distributed (ICIP), October 2001	Source Coding for Sensor Network	cs", PROC. IEEE CONF. ON IMAGE PROCESSING					
	Ng et al., "Approximate Inference Algorithms for Two-layer Bayesian Networks", ADVANCES IN NEURAL INFORMATION PROCESSING SYSTEMS, Cambridge, MA, 2000						
Saul et al., "Attractor Dyna	Saul et al., "Attractor Dynamics for Feedforward Neural Networks", NEURAL COMPUTATION, 12, 1313-1335, 2000						
37, 2000							
	Jaakkola et al, "Variational Probabilistic Inference and the QMR-DT Network", JOURNAL OF ARTIFICIAL INTELLIGENCE RESEARCH, 10, 291-322, 1999						
Jordan et al., "An Introduc 1999	Jordan et al., "An Introduction to Variational Methods for Graphical Models", MACHINE LEARNING, 37, 183-233, 1999						
	Schurgers et al., "Energy Efficient Routing in Wireless Sensor Networks", NETWORKED & EMBEDDED SYSTEMS LAB (NESL), ELECTRICAL ENGINEERING DEPARTMENT, UNIVERSITY OF CALIFORNIA AT Los Angeles (UCLA), CA., 2000						
Wan, Presentation - "Ener	Wan, Presentation - "Energy Conservation in Ad Hoc and Sensor Networks - The Design Considerations", May 2, 2002						
International Search Repor	t dated October 18, 2004						

*Examiner Date Considered